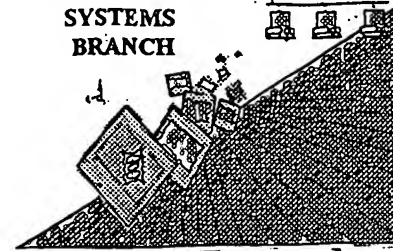


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/000,256
Source: OIPÉ
Date Processed by STIC: 12/10/01

BEST AVAILABLE COPY

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/000,256

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 ✓ Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIKE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/000,256

DATE: 12/10/2001
TIME: 16:18:39

Input Set : A:\Dex-259.app
Output Set: N:\CRF3\12102001\I000256.raw

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: Sun, Yongming
4 Recipon, Herve
5 Chen, Sei-Yu
6 Liu, Chenghua
8 <120> TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific
9 Genes and Proteins
11 <130> FILE REFERENCE: DEX-0259
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/000,256
C--> 14 <141> CURRENT FILING DATE: 2001-11-01
16 <150> PRIOR APPLICATION NUMBER: 60/244,782
17 <151> PRIOR FILING DATE: 2000-11-01
19 <160> NUMBER OF SEQ ID NOS: 240
21 <170> SOFTWARE: PatentIn Ver. 2.1

→ The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

ERRORED SEQUENCES

803 <210> SEQ ID NO: 34
804 <211> LENGTH: 429
805 <212> TYPE: DNA
806 <213> ORGANISM: Homo sapiens
808 <400> SEQUENCE: 34
809 taaaataagg tgaaaaatac tctgaacagt actgccaaag gattaatacg cttcaggaaa 60
810 tagcagtaga agctacttga tgtgaaagaa tggaggaaaa aaggacagat cattagtga 120
811 ctgtggtacg acttcaagca gactaatatg tgtattttga atcctcggag gagagtggag 180
812 aggaagtatg tttcaagaag caatgaccaa aagtttcaaa tttgatgaaa actatatact 240
813 cagagattta aagagttgaa tgaactctag gcagaagaaa caggaacaa actacataaa 300
814 agcacaatct tcaattccta caaactagta atagagaaga ttatgagaaa caattagagg 360
E--> 815 aattttaaaa gccacattaa gtacaggggg agcaaaaaata aaaatgacag cagagggggg 420
816 gtgcggtgg 429
920 <210> SEQ ID NO: 41
921 <211> LENGTH: 379
922 <212> TYPE: DNA
923 <213> ORGANISM: Homo sapiens
925 <400> SEQUENCE: 41
E--> 926 atttcaggag aagctcttgg cgcgtgggtt ctcttgccn ccatgaactt caggaagtgg 60
927 gtgccataac agctgcctga actacagaat ctgggcaact gtgtagctct gtatgccctc 120
928 cgtgtcagat gctggagatg tcatttgcag tgccagagtt tgccaagggt gcacacagaa 180
929 agcagattga aaagcaccct cttggaacat ctctccaatg ccttctactc acaaagttaa 240
930 acatcattaa cagtgacaa agaagaacta tttaatgggc ccagatctat ttatgaagac 300
931 aatcaagtgg gagtttggag tggataaccc aaatttggat aactggtgaa taataaaatg 360
932 tattttatttc tgctggtgt 379
1009 <210> SEQ ID NO: 45
1010 <211> LENGTH: 503
1011 <212> TYPE: DNA
1012 <213> ORGANISM: Homo sapiens
1014 <400> SEQUENCE: 45

in 42207 to 42237
must give location of n or xaa
and what residue n represents
- see error summary sheet item 9

Same error

RAW SEQUENCE LISTING

DATE: 12/10/2001

PATENT APPLICATION: US/10/000,256

TIME: 16:18:39

Input Set : A:\Dex-259.app

Output Set: N:\CRF3\12102001\I000256.raw

Some error

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1015 gatatgtatt aggc aaatcc ccacccccacc cccattttttg tctatagcac ttttagaatc 60
1016 atcttgtcat ataatttttaa aacagctggg atttagattg atactgcatt gaatttacct 120
1017 atttatttgg gggagaatta tgccaaatga caatattgtg tcttgccatc taggaatatg 180
1018 agattttccc atttttttcc agtctttttt atcaccttta gaaaagctat attgttttct 240
1019 ttatatacca cttgcacggt attagtggg ttaattccaa gatgcatcaa tattatagct 300
1020 tttatgaatg gaatattttt cattgtattt tctaattgtt tgctggacta tatggaaatt 360
1021 gatttttggc atgctgatat atccagcaaa aaactttact gaactctaatt gttttgtttc 420
E--> 1022 tgagaggttt ctgatggtct gtttcttgcg gggatgtctg aatcttccaa gtaaaaaatg 480
1023 gtagactcct attttcctta gac 503
1335 <210> SEQ ID NO: 61
1336 <211> LENGTH: 595
1337 <212> TYPE: DNA
1338 <213> ORGANISM: Homo sapiens
1340 <400> SEQUENCE: 61
1341 aggaaatcaa ttaattttct tgaaaactgg aacatgaaat aatcaaacat ttattctgcc 60
1342 ttccttatat gaactatact actgaatagc caaatagatg aggggaagta tctttttgta 120
1343 atagtattct aactaatcaa ttaaaaagtg aaaataattt ttcagttctt attaaatgga 180
1344 tggacattaa acatcagtag ctactaagat tgcaaagtca gtcaaacatt agctatggat 240
1345 gttatagatg tcccaaagga atcagtcctg aatttgattc agtctcctgg atctagctgc 300
E--> 1346 ctatgacagg aaataaagaa taacatgttg gattgcagca tgagtatgta atctgcaaaa 360
1347 tccagactat ggggaagcttg tcaggtc aaa gggcccagggt tctttaaagc agaacttgtc 420
1348 aggaaatggg tggaggaagg accaatagat taagacattc aagaaatata caatttttta 480
1349 atggatgaga ctaaaaaact gtgttcaagg atgcacattt gagtgacaaa actctgaaaa 540
1350 gacccaagga agtgattact attaaagtca aaacaacagt tggttatggt aggag 595
1789 <210> SEQ ID NO: 83
1790 <211> LENGTH: 387
1791 <212> TYPE: DNA
1792 <213> ORGANISM: Homo sapiens
1794 <400> SEQUENCE: 83
E--> 1795 caaaacaaag cttcaaagtc tacactgtgg cctgtagggc cgggcctggt ctggcctggt 60
1796 ctgtgacttt gggcctcgtc tttctcttct cccctcctgg gtctctagac tccagcaacg 120
1797 ttggcctcct tgetgectct tggcatgcca agctctctcc tccctgcaga cttcattcct 180
1798 gctgttccct ctgtttctaga tgcttcatca ttcaagcttc agcaaagatg ccttttccct 240
1799 ggggtggcct cccagcctg agcaacagca gcctctgctg gtcactcttg ccattgtcact 300
1800 ccactctgtc tttccatagt gtctgttggg actgcaagta tcttattttg tgtatttggt 360
1801 cattgtcagc gtcttctcag tagcatg 387
2122 <210> SEQ ID NO: 100
2123 <211> LENGTH: 469
2124 <212> TYPE: DNA
2125 <213> ORGANISM: Homo sapiens
2127 <400> SEQUENCE: 100
2128 gactaccaca caaggttatg catgtttgtgc gatgttcagc tgtaggtggg gcgatactca 60
2129 aatcgtagcc taggctgcta gtctttacat gcacagtgtg gtttagatgt gtgcttaatt 120
2130 ctacacagaag ccctacgggg caggcattcc cgttttacag atgtggaaac aaactatgag 180
2131 ggtaagaatt tggccagggt ttcacagcta ggatattggg ttgctgggat ctgaccgcag 240
2132 tctgttttcc ttcctaattc attggctgcc caccaggctg cccacggggg tgtccctggg 300
2133 cagtcgctta tctatactat ctacctttac atacgttgat tggctggctg aggtgagtac 360
2134 actaggactt gactggaaaa ttttacaaac caagaaagca agggattctg ttcctcctac 420
E--> 2135 ctctagctt tctgtctcct agggaaagag aaanattaca aagaagaaa 469

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RAW SEQUENCE LISTING

DATE: 12/10/2001

PATENT APPLICATION: US/10/000,256

TIME: 16:18:40

Input Set : A:\Dex-259.app

Output Set: N:\CRF3\12102001\I000256.raw

*Some
error*

```

2598 <210> SEQ ID NO: 117
2599 <211> LENGTH: 454
2600 <212> TYPE: DNA
2601 <213> ORGANISM: Homo sapiens
2603 <400> SEQUENCE: 117
2604 tgtcaataca atcgggggaa aggaatactt tgaactactt tggttggagg agtttgaaat 60
2605 cgttgaggac tcagcagcat gaagtagaga aattcacaat tggtagaaag gactattgtc 120
2606 cttcaacctt cattaagggt aactattcaa ctttcattaa aaacagaaag tgacaatttc 180
2607 acagcaaatt ctagaacttt agatcaaaaag tcaactcaat atgggggatt tatataagaa 240
2608 agagttaaaa aaaagacgaa atgtaatatc tatgttattg caagtgaag gaaaacagga 300
2609 agataaatat cacaagaaga caaaaatgta tctaacattt tgggacaaga ttgtgggatc 360
E--> 2610 cacagaaaat tgggaacttgg aacttcctgt tccacagaga taaganatac cttgctttta 420
2611 tctcacttct caaaaaagta agtgatgggg ttag 454
3778 <210> SEQ ID NO: 170
3779 <211> LENGTH: 54
3780 <212> TYPE: PRT
3781 <213> ORGANISM: Homo sapiens
3783 <400> SEQUENCE: 170
E--> 3784 Met Leu Lys Val Arg Arg Leu Lys Asn Xaa Arg Ala Thr Val Trp Leu
3785 1 5 10 15
3787 Pro Gly Ile Gly Lys Gln Val Met Asp Phe Ser Leu Lys Gly Glu Ile
3788 20 25 30
3790 Ser Gly Val Gln Leu Gln His Leu Leu Leu Ile Asn Leu Ser Val Cys
3791 35 40 45
3793 Ala Ser Ser Ser Ile Glu
3794 50

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VERIFICATION SUMMARY

DATE: 12/10/2001

PATENT APPLICATION: US/10/000,256

TIME: 16:18:41

Input Set : A:\Dex-259.app

Output Set: N:\CRF3\12102001\I000256.raw

L:13 M:270 C: Current Application Number differs, Replaced Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:815 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:34
L:926 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:41
L:1022 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:45
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1054 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1346 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:61
L:1374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:1414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:1447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:1529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:1530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:1580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70
L:1647 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:1648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:1690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77
L:1691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77

VERIFICATION SUMMARY

DATE: 12/10/2001

PATENT APPLICATION: US/10/000,256

TIME: 16:18:41

Input Set : A:\Dex-259.app

Output Set: N:\CRF3\12102001\I000256.raw

L:1747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:1795 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:83
L:1940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:1995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:2135 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:100
L:2610 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:117
L:3784 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:170
L:3897 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:176
L:4227 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:194
L:4230 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:194
L:4233 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:194
L:4239 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:194
L:4242 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:194
L:4432 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:202
L:4435 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:202
L:4601 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:213
L:4777 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:222
L:4780 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:222